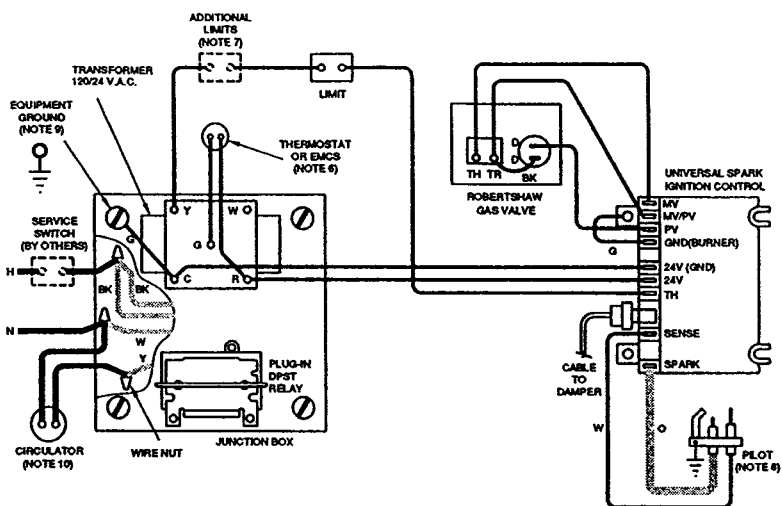
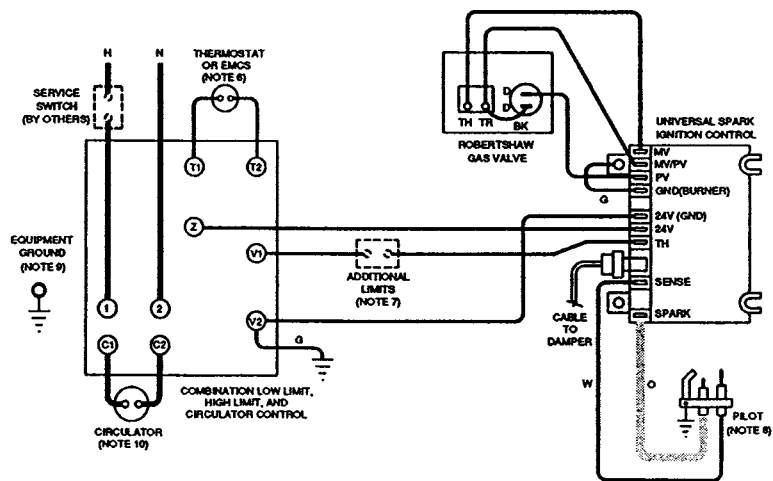


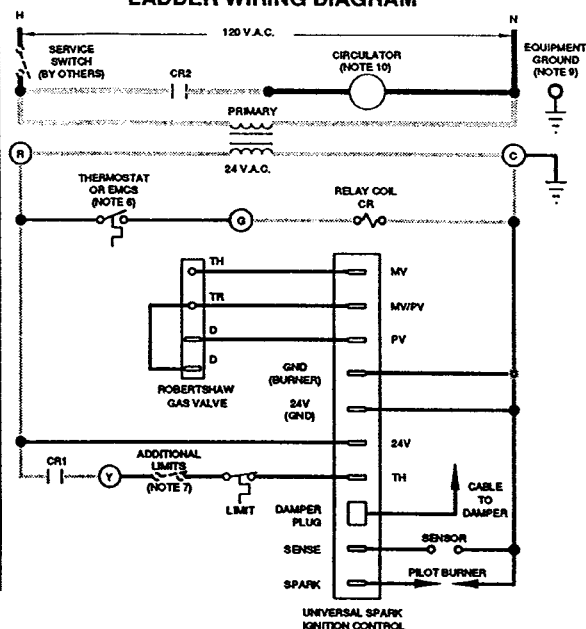
SCHEMATIC WIRING DIAGRAM



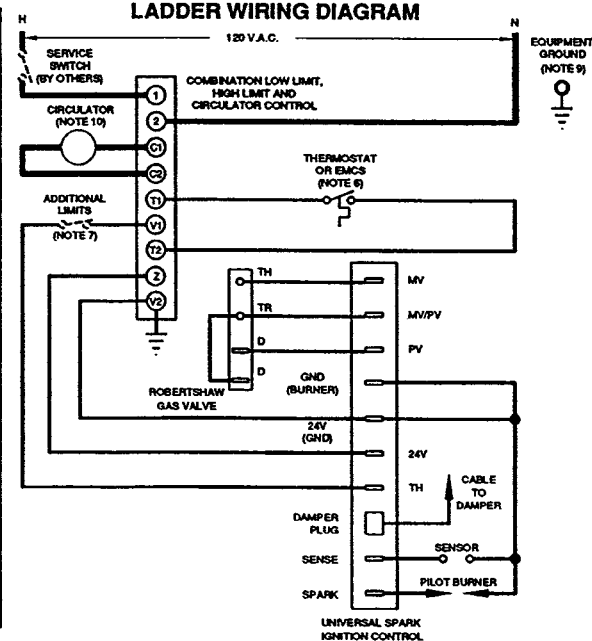
SCHEMATIC WIRING DIAGRAM



LADDER WIRING DIAGRAM



LADDER WIRING DIAGRAM



EGH
85 thru 125

- Intermittent Pilot
- Natural Gas
- Forced Hot Water
- With or Without Tankless Heater

NOTES

WARNING

**ELECTRICAL SHOCK HAZARD, CAN CAUSE SEVERE INJURY OR DEATH.
DISCONNECT POWER BEFORE INSTALLING AND/OR SERVICING**

1. ALL WIRING MUST BE INSTALLED IN ACCORDANCE WITH:
A. U.S.A. - NATIONAL ELECTRICAL CODE AND ANY OTHER
NATIONAL, STATE, OR LOCAL CODE REQUIREMENTS HAVING
JURISDICTION.
B. CANADA - C.S.A. C22.1 CANADIAN ELECTRICAL CODE PART 1
AND ANY OTHER NATIONAL, PROVINCIAL, OR LOCAL CODE
REQUIREMENTS HAVING JURISDICTION.
2. ALL WIRING MUST BE:
A. U.S.A. - N.E.C. CLASS 1.
B. CANADA - C.S.A. C22.1 C.E.C. PART 1.
3. IF ORIGINAL, ROLLOUT THE WIRE AS SUPPLIED WITH THE
APPLIANCE MUST BE REPLACED, TYPE 800°C WIRE OR ITS
EQUIVALENT MUST BE USED. IF OTHER ORIGINAL WIRE AS
SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, TYPE 105°C
OR ITS EQUIVALENT MUST BE USED.
4. REFER TO CONTROL COMPONENT INSTRUCTIONS PACKED WITH
BOILER FOR APPLICATION INFORMATION.
5. ALL CONTACTS SHOWN WITHOUT POWER APPLIED - OFF SHELF CONDITION.
6. THERMOSTAT - FOR SINGLE ZONE SYSTEMS, THERMOSTAT
ANTICIPATOR SETTING IS 0.40 AMPS FOR WATER WITHOUT
TANKLESS OR 0.25 AMPS FOR WATER WITH TANKLESS.
FOR MULTIPLE ZONE SYSTEMS USING ZONE
VALVES OR REGULATORS, REFER TO COMPONENT
MANUFACTURER'S INSTRUCTIONS FOR APPLICATION
WIRING AND THERMOSTAT ANTICIPATOR SETTING.
EMCS - FOR EMCS CONNECTION IN PLACE OF
THERMOSTAT, REFER TO EMCS INSTALLATION
OPERATING MANUAL.
7. L.W.C.O., ADDITIONAL HIGH LIMIT, WIRED IN SERIES.
8. PILOT LEADWIRES ARE NOT FIELD REPLACEABLE. REPLACE PILOT
ASSEMBLY IF NECESSARY.
9. $\frac{\phi}{\phi}$ DENOTES FIELD INSTALLED CHASSIS GROUND.
10. NOT REQUIRED WITH GRAVITY HOT WATER.

LOW VOLTAGE FIELD
HIGH VOLTAGE FIELD
LOW VOLTAGE FACTORY
HIGH VOLTAGE FACTORY
IGNITION CABLE

WEIL-McLAIN

A Division of The Marley Company
Michigan City, Indiana 46360

PART NUMBER 550-224-104/0392WM